

ETA ePE BW: Pellet boiler with condensing technology and precipitator

The highly efficient space-saving gem

The ETA ePE BW not only makes optimum use of the fuel, but even extracts energy from the flue gases for heating. This process, called "condensing technology", is integrated into the pellet boiler, as is a precipitator that filters the fine dust. And all of this cutting-edge technology takes up less than half a square metre!

Whether in a new build or as a replacement for an old boiler: the ETA ePE BW pellet boiler is ideal for heating detached houses and apartment buildings with underfloor or wall heating. The entire technology, including the high-efficiency pump and safety devices, fits on less than half a square metre of floor space. And thanks to the flexible connections, the boiler can be placed in any corner of the boiler room. Or even in the living area, because it also works without room air, i.e. with oxygen supply from the outside.

Unbeatably efficient, especially with panel heating

All pellet boilers from quality manufacturer ETA from Upper Austria work highly efficiently. For example, the combustion chamber and heat exchanger are cleaned automatically on a regular basis to ensure that no residue impairs the heating result. Furthermore, a draught fan and a lambda probe ensure that the combustion chamber is always supplied with the right amount of oxygen for ideal combustion. The new ETA ePE BW also has another energy-saving feature: with the aid of condensing technology, the residual energy is recovered from the flue gases and used to heat the heating water. The lower the heating water temperatures can remain, the greater the effect. This is why this technology saves energy and thus operating costs, especially in conjunction with a large-area heat dissipation system, i.e. underfloor or wall heating.

Goodbye fine dust pollution

Highly efficient heating with pellets is extremely environmentally friendly. Residues from the wood industry are recycled as fuel. The climate is not harmed because the combustion of wood does not release more CO₂ than the tree previously absorbed while growing. But, this boiler has an additional environmental plus (optional): a precipitator. It ensures that the fine dust produced during combustion does not escape but ends up in the ash bin.

Touchscreen and remote control via internet

To be efficient, a modern heating system also needs an ideal control system. The ETAtouch control system already includes all functions for two heating circuits, without additional costs: the hot water supply via tank or fresh water module as well as for the integration of a solar heating system. All components can also be conveniently controlled from a PC, tablet or smartphone via the meinETA platform. meinETA works on every common operating system and is as easy to use as an app.